

Table R2

**City of Burbank - Burbank Water Reclamation Plant**  
**REASONABLE POTENTIAL ANALYSIS**  
**using**  
**Technical Support Document (TSD) Methodology**

CONSTITUENT	Units	Number of Samples	Maximum Observed Effluent Concentration	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Projected Maximum Receiving Water Concentration	Water Quality Objective	HP-Human health protection AP-Aquatic life protection	REASONABLE POTENTIAL
Chronic Toxicity Survival	TUc	31	5.56	0.7	2.18	12.14	0	12.14	1	AP	YES
Nitrate N + Nitrite N	mg/L	33	6	0.3	1.42	8.54	0	8.54	7.2	AP	YES
Aluminum	µg/L	10	96	0.4	2.15	206.80	0	206.80	1000	HH	NO
Arsenic	µg/L	13	8	0.6	2.71	21.67	0	21.67	10	HH	YES
Barium	µg/L	10	40	0.2	1.48	59.35	0	59.35	1000	HH	NO
Fluoride	mg/L	31	0.5	0.2	1.28	0.64	0	0.64	2	HH	NO
Total trihalomethanes	µg/L	5	228	0.2	1.67	380.39	0	380.39	80	HH	YES
Iron	µg/L	31	230	0.6	1.99	456.75	0	456.75	300	HH	YES
Manganese	µg/L	31	15	0.5	1.79	26.91	0	26.91	50	HH	NO
Methoxychlor	µg/L	10	0.005	0.6	3.02	0.02	0	0.02	30	HH	NO
MTBE	µg/L	11	0.5	0.6	2.90	1.45	0	1.45	13	HH	NO
2,4-D	µg/L	10	0.5	0.6	3.02	1.51	0	1.51	70	HH	NO
2,4,5-TP (Silvex)	µg/L	10	0.005	0.6	3.02	0.02	0	0.02	50	HH	NO

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\* Effluent limits are prescribed for these constituents which have reasonable potential to exceed non-CTR criteria, using the TSD RPA methodology.